EXHIBIT A

CURRICULUM VITAE

Name: Luis Ángel Pardo Fernández.
Place and date of birth: Madrid, September 26, 1962
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EDUCATION

1986 (October): MD. (Honors). University of Oviedo, Spain.
1990 (December): Ph. D. "Activación in vitro del sistema Ras/adenilato ciclasa de Saccharomyces cerevisiae por la glucosa y sus análogos" (In vitro activation of Saccharomyces cerevisiae Ras/adenylate cyclase system by glucose and its analogues). Cum laude. Ph. D. Extraordinary Award 1990, University of Oviedo, Spain.

PROFESSIONAL EXPERIENCE

1982–1984. Collaborator in the Department of Biochemistry, University of Oviedo, Spain.
1984–1986. Undergraduate internal student in the Department of Biochemistry, University of Oviedo, Spain.
1987–1990. Predoctoral fellow under Dr. S. Ramos (Department of Functional Biology (Biochemistry and Molecular Biology), University of Oviedo, Spain. Honor collaborator of the University of Oviedo, Spain.
1991–1993 (March). Postdoctoral fellow with Dr. W. Stühmer in the Department of Membrane Biophysics (Max-Planck Institute for Biophysical Chemistry) and the Department of Molecular Biology of Neuronal Signals (Max-Planck Institute for Experimental Medicine) Göttingen, Germany.

1993. Postdoctoral fellow in the Departamento de Biología Funcional, University of Oviedo, Spain.

1993–1996. Researcher in the Departamento de Bioquímica y Biología Molecular, University of Oviedo, Spain.

1987–1990. Collaborator in teaching General Biochemistry to medical students, Conductor of practical demonstrations for students of Medicine and Biology.

1988–1989. Collaborator in teaching graduate students in membrane signaling, Department of Functional Biology (Biochemistry and Molecular Biology), University of Oviedo, Spain.

1994–1995. Lecturer on "Advanced Biochemistry," Faculty of Biology, University of Oviedo, Spain.

1995–1996. Lecturer on "Biophysics," Faculty of Biochemistry, University of Oviedo, Spain.

1996–2001 (July). Staff researcher, Max-Planck-Institute for Experimental Medicine; head of the EAG group.

2001 (August)–present. Chief Scientific Officer, iOnGen AG, Germany.

FELLOWSHIPS

1987–1990. Fellowship from "Fondo de Investigaciones Sanitarias de la Seguridad Social", Ministry for Health, Spain.

1991. Postdoctoral fellowship, Max-Planck-Gesellschaft.

1991–1992. Postdoctoral Fellowship. FICYT (Asturias, Spain).

1992. EMBO Short Term Fellowship.

1993. FICYT (Asturias, Spain) Re-incorporation Fellowship.

INVITED TALKS

Gordon Research Conference on Ion Channels, Tilton School (New Hampshire, USA), 1992.

Meeting of the European Neuroscience Association, Madrid (Spain), 1993.

Congreso de la Sociedad de Biofísicos Latinoamericanos, Puebla (Mexico), 1993.

Congreso de la Sociedad de Biofísica de España, Cáceres (Spain), 1994.

Joint Meeting of the Spanish and Portuguese Biophysical Societies, Lisbon (Portugal), 1995.

Meeting of the International Union of Physiological Societies, Saint Petersburg (Russia), 1997.

Joint Meeting of the Physiological Society and the Spanish Physiological Society, Liverpool (UK), 1998.

Congreso de la Sociedad de Biofísicos Latinoamericanos, Alicante (Spain), 2000.

International Symposium on Preventive Oncology and Intervention Strategies, Paris (France), 2002.

PUBLICATIONS

S. Ramos, M. Balbin, M. Raposo, E. Valle and L.A. Pardo. (1989). The mechanism of intracellular acidification induced by glucose in *Saccharomyces cerevisiae. J. Gen. Microbiol.* **135:** 2414–2422.

S. Ramos, L.A. Pardo, L.M. Sánchez and P.S. Lazo. (1989). Upstream regulation of *Saccharomyces cerevisiae* adenylate cyclase. *Biochem. Soc. Trans.* **17:** 976—977.

L.A. Pardo, L.M. Sánchez and S. Ramos. (1989). Effect of glucose analogues on yeast adenylate cyclase in vitro. *Biochem. Soc. Trans.* **17:** 1010–1011.

L.A. Pardo, L.M. Sanchez, P.S. Lazo and S. Ramos. (1991). In vitro activation of the *Saccharomyces cerevisiae* Ras/adenylate cyclase system by glucose and some of its analogues. *FEBS Lett.* **290:** 43–48.

L.A. Pardo, S.H. Heinemann, U. Ludewig, C. Lorra, O. Pongs and W. Stühmer. (1992). Extracellular K^+ specifically modulates a rat brain K^+ channel. *Proc. Natl. Acad. Sci. U.S.A.* **89:** 2466–2470.

M. Foguet, D. Hoyer, L.A. Pardo, A. Parekh, F.W. Kluxen, H.O. Kalkman, W. Stühmer and H. Lübbert. (1992). Cloning and functional expression of the rat stomach fundus serotonin receptor. *EMBO J.* **11:** 3481–3487.

L.A. Pardo, P.S.Lazo and S. Ramos. (1993). Activation of adenylate cyclase in *cdc25* mutants of *Saccharomyces cerevisiae*. *FEBS Lett.* **319:** 237–243.

L.A. Pardo, P.S. Lazo and S. Ramos. (1993). Glucose activation of Adenyate cyclase in *S. cerevisiae* mutants lacking glucose phosphorylating enzymes. *Cell. Signal.* **5:** 435–441.

A. Brüggemann, L.A. Pardo, W. Stühmer and O. Pongs. (1993). *Ether à go-go* encodes a voltage-gated K^+ and Ca^{2+} permeable channel modulated by camp. *Nature.* **365:** 445–448.

L.A. Pardo and W. Stühmer. Extracellular potassium modulates a transient potassium current in rat atrial cells In *Ion Channels in the Cardiovascular System. Function and Dysfunction.* (Eds. P.M. Spooner, A.M. Brown, W.A. Caterall, G.A. Kaczorowski and H.D. Strauss). (1994). Futura, Armonk, (NY) pp. 341–354.

J. Ludwig, H. Terlau, F. Wunder, A. Brüggemann, L.A. Pardo, A. Marquardt, W. Stühmer and O. Pongs. (1994). Functional expression of a rat homologue to the voltage gated *ether à go-go* potassium channel reveals differences in selectivity and activation kinetics between the *Drosophila* channel and its mammalian counterpart. *EMBO J.* **13:** 4451–4457.

P. de la Peña, D. del Camino, L.A. Pardo, P. Domínguez and F. Barros. (1995). G_s couples thyrotropin-releasing hormone receptors expressed in *Xenopus* oocytes to phospholipase. *J. Biol. Chem.* **270:** 3554–3559.

F. Barros, D. del Camino, L.A. Pardo and P. de la Peña. (1995). Caffeine enhancement of electrical activity through direct blockade of inward rectifying K^+ currents in GH3 rat anterior pituitary cells. *Pflügers Arch. (Eur. J. Physiol.)* **431:** 443–451.

A. Brüggemann, W. Stühmer and L.A. Pardo. (1997). Mitosis-promoting factor-mediated suppression of a cloned delayed rectifier potassium channel expressed in *Xenopus* oocytes. *Proc. Natl. Acad. Sci. U.S.A.* **94:** 537–542.

D. del Camino, F. Barros, L.A. Pardo and P. de la Peña. (1997). Altered ligand dissociation rates in thyrotropin-releasing hormone receptors mutated in glutamine 105 of transmembrane helix III. *Biochemistry* **36:** 3308–3318.

J.M. Gómez, C. Lorra, L.A. Pardo, W. Stühmer, O. Pongs, S.H. Heinemann and A.A. Elliot. (1997). Molecular basis for different pore properties of potassium channels from the rat brain Kv1 gene family. *Pflügers Arch. (Eur. J. Physiol.)* **434:** 661–668.

F. Barros, D. del Camino, L.A. Pardo, T. Palomero, T. Giráldez and P. de la Peña. (1997). Demonstration of an inwardly rectifying K^+ current component modulated by thyrotropin-releasing hormone and caffeine in GH_3 rat anterior pituitary cells. *Pflügers Arch. (Eur. J. Physiol.)* **435:** 119–129.

L.A. Pardo, A. Brüggemann, J. Camacho and W. Stühmer. (1998). Cell cycle-related changes in the conducting properties of r-eag K^+ channels. *J. Cell. Biol.* **143:** 767–775.

L.A. Pardo, D. del Camino, A. Sánchez, F. Alves, A. Brüggemann, S. Beckh and W. Stühmer. (1999). Oncogenic potential of EAG K^+ channels. *EMBO J.* **18:** 5540–5547.

J. Camacho, A. Sánchez, W. Stühmer and L.A. Pardo. (2000). Cytoskeletal interactions determine the electrophysiological properties of EAG potassium channels. *Pflügers Arch. (Eur. J. Physiol.)* **441:** 167–174.

M. Jenke, R.M. Weseloh, A. Sánchez, F. Monje, W. Stühmer and L.A. Pardo. (2002). Coiled-coils responsible for the tetrameric assembly of ion channels. *In preparation*

B. Hemmerlein, R. Weseloh, A. Sánchez, M.E. Rubio, S. Lukas, W. Stühmer, H.J. Radzun and L.A. Pardo. (2002). A potassium channel as widespread tumor marker. *In preparation*